



SEQUENCE LISTING

<110> Innerarity, Thomas  
Boren, Jan

<120> METHODS AND TOOLS FOR IDENTIFYING  
COMPOUNDS WHICH MODULATE ATHEROSCLEROSIS BY IMPACTING  
LDL-PROTEOGLYCAN BINDING

<130> 220002059710

<140> US 09/822,965

<141> 2001-03-29

<150> US 09/265,222

<151> 1999-03-05

<150> US 60/077,618

<151> 1998-03-10

<160> 25

<170> FastSEQ for Windows Version 4.0

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<220>

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<222> 6

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Thr Arg Leu Thr Arg Glu Arg Gly Leu Lys

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<222> 6

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Thr Arg Leu Thr Arg Asp Arg Gly Leu Lys

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5

10

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 Thr Arg Leu Thr Arg Ala Arg Gly Leu Lys  
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 Thr Arg Leu Thr Arg Ser Arg Gly Leu Lys  
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<400> 6  
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1 5 10

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<220>  
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<400> 10

Thr Arg Leu Thr Arg Lys Asp Gly Leu Lys  
1 5 10

<210> 11  
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<220>  
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Thr Glu Leu Thr Arg Lys Arg Gly Leu Lys  
1 5 10

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<220>  
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<222> 2  
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Thr Asp Leu Thr Arg Lys Arg Gly Leu Lys  
1 5 10

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<223> Single amino acid deletion between residues 5 and  
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1 5

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<220>  
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<222> (4)...(5)  
<223> Single amino acid deletion between residues 4 and  
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1 5

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<220>  
<221> MUTAGEN  
<222> (6)...(7)  
<223> Single amino acid deletion between residues 6 and  
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1 5

<210> 16  
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<213> Homo sapiens

<220>  
<221> MUTAGEN  
<222> 6  
<223> Insertion of a single amino acid

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1 5 10

<210> 17  
<211> 11  
<212> PRT  
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<222> 7  
<223> Insertion of a single amino acid

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1 5 10

<210> 18  
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<212> PRT  
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<220>  
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<223> Insertion of a single amino acid

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<220>  
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<222> 7  
<223> Insertion of a single amino acid

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<211> 10  
<212> PRT  
<213> Homo sapiens

<220>  
<221> BINDING  
<222> (1)...(10)  
<223> Putative proteoglycan binding site of wild-type  
human apo-B100 protein

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1 5 10

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<212> PRT  
<213> Artificial Sequence

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<221> SIGNAL  
<222> (1)...(7)  
<223> Nuclear localization signal from the simian virus  
40 large-T antigen

<221> PEPTIDE  
<222> (1)...(7)

<223> Synthetic Construct

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Pro Lys Lys Lys Arg Lys Val  
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<211> 63

<212> DNA

<213> Artificial Sequence

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<223> Synthetic Construct

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cac 63

<210> 23

<211> 57

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

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cacaagtga atactctggtt aggatagaat tctcccagtt ttcacaatga aaacatc 57

<210> 24

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 24

caagattgac aagagaaagg ggattgaag 29

<210> 25

<211> 63

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 25

ggaaaactcc cacagcaagc taatgattat ctgaattctc ccagttttca caatgaaaac 60  
atc 63